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Circular #12  
U. S. DEPARTMENT OF AGRICULTURE,  
OFFICE OF EXPERIMENT STATIONS,  
Washington, D. C., July 30, 1889.

SIR: This Office has thus far been unable to obtain the station publications named in the following list:

BULLETINS—*Alabama*: 1, October, 1883; 2, January, 1884; 3, March, 1884; 4, May, 1884; 5, August, 1884; 6, November, 1884; 7, January, 1885; 8, March, 1885; 9, April, 1885; 10, August, 1885; all for 1886; 1, January, 1887; 4, 1888. *Arkansas*: 1. *California*: 1, 2, 3. *Dakota*: 3, 7. *Indiana*: 1. *Kentucky*: 1. *Maine*: 1 to 5 inclusive, and 21. *Massachusetts State Station*: 1, 3, 5. *Missouri (College)*: 1, 2, 3, 4, 5, 6, 7, 8, 9, 13, 15, 16, 18, 19, 20, 22, 25, 26, 27, 28, 29, 32, 33. *Nebraska*: 2. *New Jersey*: 1, 5. *New York (Geneva)*: All of Old Series, except 97, 98, 109, 110, 114. *Ohio*: All of Old Series, except 1, 12, and 16. *South Carolina*: All of Old Series. *Tennessee*: All of Old Series. *Texas*: 1. *Vermont*: 1, 3. *Wisconsin*: 2.

Of reports for years earlier than 1888, the Office has the following and desires any others:

REPORTS—*Connecticut*: All. *Illinois*: 1887-88. *Indiana*: School of Agriculture of Purdue University, 2, 1875; 4, 1878; 5, 1879; 6, 1880; 7, 1881; 8, 1882; 9, 1883; 10, 1884; 11, 1885-86; 14, 1887-88. *Maine*: 1, April-June, 1885; 2, year ending June 30, 1886; 3, year ending June 30, 1887.

If you can furnish us any of the publications that we lack, you will confer a great favor by informing us. A reasonable price will be paid for them. It is hoped that a full set of station publications may be secured for reference and for preparing an index of such publications.

The very great desirability of forwarding current station publications regularly and promptly to this Office is again urged upon the attention of the stations. Unless all the stations thus send their publications, the compilations of station work made by this Office can not attain that promptness, completeness, and uniformity of arrangement which will make them satisfactory reference books for station workers.

At least six, and preferably twelve copies of each station publication, are requested for this Office. Besides those needed for permanent use, several copies of a single report or bulletin are often wanted for preparing abstracts or for other purposes, and it is very desirable that a number of sets of station publications should be deposited here to be furnished to the libraries of stations hereafter established.

This opportunity is taken to print a list of the publications of the Office of Experiment Stations and to indicate the class to which each belongs. They are of five classes:

(1) Experiment Station Bulletins, intended for station workers and others especially interested in agricultural science.

(2) Farmers' Bulletins, containing accounts of experiment station work and cognate information in brief, popular form. These are intended for general distribution to farmers and others.

(3) Miscellaneous Bulletins, treating of a variety of subjects more or less intimately related to the stations and agricultural colleges.

(4) Monographs on special topics in agricultural science.

(5) Circulars, containing matter of transient or restricted importance, and usually intended for limited circulation.

The following documents have been issued by this Office :

Doc. No. 1, Circular No. 1.—List of Agricultural Experiment Stations in the United States, with addresses; issued February 1, 1889.

Doc. No. 2, Circular No. 2.—Regarding meeting of Eastern and Southern Stations to discuss co-operative field experiments; issued January 31, 1889.

Doc. No. 3, Circular No. 3.—Regarding originators of fruits, etc.; issued February 6, 1889.

Doc. No. 4, Circular No. 4.—Memorandum for Station Reports; issued February 12, 1889.

Doc. No. 5, Experiment Station Bulletin No. 1.—Organization of the Agricultural Experiment Stations in the United States; issued February, 1889.

Doc. No. 6, Circular No. 5.—Call for meeting of stations for discussion of co-operative experiments; issued February 25, 1889.

Doc. No. 7, Circular No. 6.—List of originators of fruits, vegetables, etc., in the United States; issued March 8, 1889.

Doc. No. 8, Circular No. 7.—Co-operative field experiments with fertilizers; issued March, 1889. This contains the report of the conference of representatives of stations regarding co-operative field experiments with fertilizers, directions and explanations for soil tests with fertilizers, and suggestions for further experiments.

Doc. No. 9, Circular No. 8.—Explanations and directions for soil tests with fertilizers; March, 1889. This is intended for the use of farmers experimenting under the direction of the stations. It is included in Circular No. 8, but was printed separately for convenience.

Doc. No. 10.—Letter of advice concerning blank forms for reports of horticulturists; issued April 15, 1889.

Doc. No. 11.—Form 1, Horticulturists' blank for vegetables; issued April 15, 1889.

Doc. No. 12.—Form 2, Horticulturists' blank for fruit; issued April 15, 1889.

Doc. No. 13.—Form 3, Blank for reports of horticulturists; issued April 15, 1889.

Doc. No. 14, Circular No. 9.—Memorandum of information for a report on Farmers' Institutes in United States; issued May 10, 1889.

Doc. No. 16.—Farmers' Bulletin No. 1.—The What and Why of Agricultural Experiment Stations; issued June, 1889.

Doc. No. 18, Circular No. 10.—Asking for accounts of special work in horticulture; issued July 1, 1889.

The following are in press :

Doc. No. 15, Miscellaneous Bulletin No. 1.—Proceedings of Association of American Agricultural Colleges and Experiment Stations at Knoxville, Tenn., January, 1889.

Doc. No. 17, Experiment Station Bulletin No. 2.—Digest of Annual Reports of Stations in the United States for 1888.

Doc. No. 18, Circular No. 10.—Inquiry regarding horticultural specialties of the different stations.

Doc. No. 19, Experiment Station Bulletin No. 3.—Report of Meeting of Horticulturists at Columbus, Ohio.

Doc. No. 21, Miscellaneous Bulletin No. 2.—Agricultural Science and Education in the United States.

The following are in course of preparation :

*Digests of station bulletins.*—These are to make a part of a current record of the operations of the stations and matters of kindred interest.

*Bulletins on pig-feeding.*—These are being prepared with the co-operation of Profs. J. W. Sanborn, of Missouri, and W. A. Henry, of Wisconsin and others who have devoted especial attention to the subject. The purpose is to give the principal results of experiments made in this country up to the present. Two bulletins are planned, an Experiment Station Bulletin with somewhat detailed accounts of the experimental inquiry; and a Farmers' Bulletin to give the practical outcome of the investigations in brief, popular form.

*Monograph on the nutrition and feeding of domestic animals.*—This is being prepared by co-operation with a number of specialists. Its purpose is to summarize results of later research, both European and American, and to serve as a work of reference for experimenters and students. Prof. H. P. Armsby, of Pennsylvania, is preparing the portion on feeding for special purposes, and Prof. W. H. Jordan, of Maine, the portion on digestion and digestibility of feeding stuffs. Dr. E. H. Jenkins, of Connecticut, is collating analyses of feeding stuffs. An introduction on the general principles of animal nutrition is being written by the director of this Office, and partial arrangements have been made for other contributions.

W. O. ATWATER,  
*Director of Office of Experiment Stations.*

Approved:

EDWIN WILLITS,  
*Assistant Secretary of Agriculture.*

